

**Retailer Technical Journal 20756**
Differential Electronic Module (DEM),
Software (SW)**Date 10-30-2009****Volvo Cars of North America, LLC**
Technical Engineering

Reference: VIDA, VSTG, RTJ 21762, RTJ 21524

Note! If using a printed copy of this Retailer Technical Journal, first check for the latest online version.

NOTE! THIS DOCUMENT SUPERSEDES THE PREVIOUS VERSION OF RETAILER TECHNICAL JOURNAL DATED 03-13-2009. New DEM SW has been added in order to remedy 3rd row booming. PLEASE UPDATE YOUR FILES.

AFFECTED VEHICLES:

Model	Type	Model year	Chassis range
All AWD	ALL	2003 –	ALL

DESCRIPTION:

The following DEM Upgrades are available to correct the complaints / symptoms listed below:

Vehicle	Complaint / Symptom
2003 AWD Vehicles	DEM DTC (Diagnostic Trouble Code) 0003
2003-2005 AWD Vehicles	DEM DTC 000B
2005-2006 AWD S60/V70/XC70/S80/XC90	CEM (Central Electronic Module) DTC 1A64 The CEM & DEM should be upgraded.
2006 AWD S60/V70/XC70/S80/XC90	DEM DTC 0001, 0005, 0006, 0008, 000A
2006-2008 S60/XC90 2005-2008 XC90 V8 2006-2007 V70/XC70	A harsh jolt may be felt in the drive line when cruising at speeds approx 70 – 110 KPH (40 - 70 MPH). This SW will allow for a greater difference between front & rear axle speeds.
2009 – 2010 XC90	A booming pulsation may be felt or heard in the 3 rd row seats when the vehicle is stopped in Drive, with the brake applied, and the engine at idle. See RTJ 21762 and 21524!

If the message 'Invalid' is received when ordering a DEM Upgrade, and Status 134 is shown under the details, the control module already contains the latest software.

WARRANTY CLAIM INFORMATION

LABOR OP	LABOR DESCRIPTION	LABOR TIME
36004-2	Software Download	See VSTG
Claims may be submitted under the new car warranty when there is a documented customer complaint using claim type: 01		

VOLVO for life, Volvo Cars of North America, LLC
Technical Engineering